Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Thursday 02 Mar 2023 until 23:59 on Friday 03 Mar 2023

Forecast Issued on Thursday 02 Mar 2023 at 00:20

Confidence: High for mainly settled conditions. Medium for cloud details.

Headline for Thursday 02 Mar 2023: Cloudy start, but brightening up. Chilly northeast winds.

Mountain weather hazards on Thursday 02 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	20%	20%	10%	<05%	<05%

Forecast for Thursday 02 Mar 2023

Weather: Cloudy start with occasional wintry showers. Most of the showers dying out during the morning and skies brightening as the cloud begins to lift, a few sunny breaks possible in the afternoon. Patchy cloud or clear spells in the evening.

Chance of cloud-free hill tops above 800m: 30% overnight and early morning, rising to 80% in the afternoon.

Low cloud and visibility: Extensive cloud, base 600 to 900m at first, lifting and breaking near or above the summits in the afternoon. Visibility moderate or very poor at first in cloud and wintry showers, becoming very good.

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Mountain Weather Forecast

Forecast for Thursday 02 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	16/19 NE	16/21 E	10/14 E	6/9 E	8/11 NE	7/10 E	7/10 E
600	11/14 NE	13/17 E	9/13 E	5/8 E	8/11 NE	5/7 E	6/8 E
300	3/10 NE	6/13 E	6/11 E	4/7 E	4/9 N	3/7 NE	3/6 NE
Valley	3/10 NE	7/14 E	7/12 E	5/8 SE	5/8 N	5/8 NE	4/6 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-8	-2/-8	-1/-6	0/-3	-0/-4	-1/-5	-2/-6
600	1/-4	1/-4	2/-2	3/0	2/-2	1/-1	0/-3
300	3/2	4/1	5/3	5/4	4/2	3/2	2/1
Valley	6/4	6/4	7/5	7/6	6/5	6/4	5/4
Freezing Level*	700m	600m	700m	700m	700m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Forecast for Friday 03 Mar 2023

Weather: Dry with some summit cloud possible overnight and during the morning. Otherwise bright with some sunny or clear spells.

Maximum wind: Northeast 10mph

Chance of cloud-free hill tops above 800m: 40% rising to 80% by afternoon.

Low cloud and visibility: Occasional or extensive cloud, base 600 to 900m, lifting and breaking above the summits during the day. Visibility poor or very poor in any summit cloud, otherwise very good.

Temperature: **Valleys:** Zero Celsius rising plus 8 Celsius
At 800m: Minus 2 Celsius rising to plus 1 Celsius
Freezing level: Well down early and late in the day, but near or above the summits in the afternoon.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 1 March 2023. Location: Helvellyn summit at 12:15 Full report: There has been a thaw of the recent snow with little now left below 850m. Above 850m, there is a thin covering of only one centimetre or so and this consists of as much (if not more) rime ice as snow. Some windblown areas right up to summit level are clear of snow. However, the summit plateau itself was covered in ice and snow. Above 900m on steep north and east facing slopes there are patches of old, hard snow, which have been present for weeks, and are now situated under a thin layer of fresh snow and rime ice. Owing to their locations, though, they are not on any paths so walkers are unlikely to have to negotiate them. Exposed routes on the high fells require particular care and attention. For example Striding and Swirral Edges were a mixture of dry and wet rock, ice and puddles of water, snow and rime ice; ie good grip immediately followed with something far more slippery! With the relatively stable conditions at the moment, there is a noticeable contrast between the valleys, with their signs of Spring, and the bleak, desolate summit which, around midday gave a windchill reading (what the temperature actually feels like) of minus 11 degrees C. Therefore full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment including a torch, map and compass are all essential to safely, and enjoyably, roam the fells. Good navigational skills are always required, but are especially crucial when entering low cloud. Given the current conditions, for those heading above the snowline microspikes are strongly recommended. They were not used today, but only a tiny drop in temperature would cause the damp ground to freeze creating very different conditions. Once again (we are sounding like that proverbial broken record), there is also the possibility of further showers overnight which could fall as snow at altitude so walkers heading for the high fells should be prepared for this. Goggles could be a good addition to the rucksack to lessen the sting of any windblown hail or spindrift. Temperature: minus 1.0 C, Maximum wind speed 34.9 mph, Wind chill: minus 10.8 C, Average wind speed: 23.5 mph

Issued at: 00:20 on Thu 02 Mar 2023

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